

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|------------------------|------------------|---------|------------------|
| S110  | 490543 | integrat\$3 adj circuit\$2 or S109   | US-PGPUB; USPAT        | AND              | ON      | 2006/05/18 14:27 |
| S109  | 222896 | IC or ASIC   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:27 |
| S5    | 228076 | IC or ASIC   | US-PGPUB; USPAT        | AND              | ON      | 2006/05/18 14:27 |
| S4    | 386691 | integrat\$3 near2 circuit\$2   | US-PGPUB; USPAT        | AND              | ON      | 2006/05/18 14:27 |
| S111  | 586483 | address  | US-PGPUB; USPAT        | AND              | ON      | 2006/05/18 14:28 |
| S113  | 62494  | transmitters   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:32 |
| S112  | 160713 | optic\$3 with control\$3   | US-PGPUB; USPAT        | AND              | ON      | 2006/05/18 14:32 |
| S115  | 3538   | optic\$3 adj receivers   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:33 |
| S114  | 3249   | optic\$3 adj transmitters  | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:33 |
| S116  | 85     | S114 S115 S112 S111 S110   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:42 |
| S122  | 4      | S116 S121  | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:43 |
| S121  | 1513   | S118 or S119   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:43 |
| S119  | 768    | 398/135-139.ccls.  | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:43 |
| S118  | 752    | transceiver adj chip   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/18 14:43 |
| S123  | 38     | ("4070516"   "4809358"   "4939793"   "4943136"   "5009476"   "5061027"   "5101462"   "5159700"   "5200631"   "5208879"   "5237434"   "5394490"   "5408547"   "5416861"   "5452384"   "5469286"   "5568574").PN. OR ("5818984").URPN. | US-PGPUB; USPAT; USOCR | AND              | ON      | 2006/05/18 15:16 |
| L26   | 3538   | optic\$3 adj receivers   | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/22 11:26 |
| L25   | 3249   | optic\$3 adj transmitters  | US-PGPUB; USPAT        | AND              | OFF     | 2006/05/22 11:26 |
| L23   | 586465 | address  | US-PGPUB; USPAT        | AND              | ON      | 2006/05/22 11:26 |

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|     |        |   |                              |     |     |                  |
|-----|--------|---|------------------------------|-----|-----|------------------|
| L21 | 222892 | IC or ASIC  | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:26 |
| L20 | 7      | L18 L19   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:26 |
| L19 | 771    | 398/135-139.ccls.   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:26 |
| L18 | 752    | transceiver adj chip  | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:26 |
| L27 | 85     | L25 L26 L24 L23 L22   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:27 |
| L29 | 5      | 27 28   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:28 |
| L30 | 19     | 28 with 22  | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:29 |
| L31 | 28     | ("4358858"   "4781427"   "4797879"<br>  "5068801"   "5083874"  <br>"5127067"   "5150245"   "5289303"<br>  "5339371"   "5479082"  <br>"5532856"   "5541759"   "5801859"<br>  "5828669"   "5858814"  <br>"5884046"   "5887090"   "5892605"<br>  "5905873"   "5909298"  <br>"5909303"   "5930256"   "5943150"<br>  "5999287"   "5999288"  <br>"6108311"   "6522825").PN. OR<br>("6674971").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2006/05/22 11:33 |
| L32 | 6      | 31 22   | US-PGPUB;<br>USPAT;<br>USOCR | AND | ON  | 2006/05/22 11:35 |
| L34 | 1257   | "398"/\$.ccls. 22   | USPAT;<br>USOCR              | AND | OFF | 2006/05/22 11:47 |
| L22 | 490530 | integrat\$3 adj circuit\$2 or L21   | US-PGPUB;<br>USPAT           | AND | ON  | 2006/05/22 11:48 |
| L39 | 3369   | optic\$3 with controllers   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:49 |
| L24 | 160710 | optic\$3 with control\$3  | US-PGPUB;<br>USPAT           | AND | ON  | 2006/05/22 11:49 |
| L40 | 415394 | integrated adj circuit or L21   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 11:50 |
| L43 | 26     | 28 39 40  | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 12:00 |
| L42 | 40     | 34 39 40  | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 12:00 |
| L44 | 40     | 39 same 40  | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/22 12:01 |

## EAST Search History

|     |      |   |                    |     |     |                  |
|-----|------|---|--------------------|-----|-----|------------------|
| L41 | 718  | 39 40   | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 12:10 |
| L46 | 15   | ("20020031319" "20020191916" "4744623" "4797879" "5200631" "5357593" "5502785" "5757658" "5946116" "6081527" "6150188" "6169833" "6233376" "6410941" "6674971").<br>PN. | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 13:24 |
| L45 | 26   | 39 40 28  | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 13:24 |
| L28 | 5098 | ring adj network\$3   | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 14:22 |
| L48 | 0    | ring adj network same intergrated<br>adj chip   | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 14:23 |
| L47 | 0    | ring adj network same integrated<br>adj chip  | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 14:23 |
| L49 | 31   | ring adj network and integrated adj<br>chip   | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 14:24 |
| L50 | 0    | ring adj (network or typology) same<br>integrated adj chip  | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 14:25 |
| L53 | 1    | ("20040215929").PN.   | US-PGPUB;<br>USPAT | OR  | OFF | 2006/05/22 14:28 |
| L52 | 517  | ring adj (network or typology) and<br>integrated adj (chip or circuit)  | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 14:28 |
| L51 | 39   | ring adj (network or typology) same<br>integrated adj (chip or circuit)   | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 17:11 |
| L54 | 21   | 51 core   | US-PGPUB;<br>USPAT | AND | OFF | 2006/05/22 17:12 |